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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/462,909C

DATE: 03/26/2002

TIME: 15:56:33

Input Set : A:\65691179.app

Output Set: N:\CRF3\03262002\I462909C.raw

3 <110> APPLICANT: MEINIEL, ANNIE  
4 MONNERIE, HUBERT  
5 GOBRON, STEPHANIE  
7 <120> TITLE OF INVENTION: NOVEL POLYPEPTIDES AND POLYPEPTIDES USEFUL FOR  
8 REGENERATING THE NERVOUS SYSTEM  
10 <130> FILE REFERENCE: 065691/0179  
12 <140> CURRENT APPLICATION NUMBER: 09/462,909C  
13 <141> CURRENT FILING DATE: 2000-02-14  
15 <150> PRIOR APPLICATION NUMBER: PCT/FR98/01556  
16 <151> PRIOR FILING DATE: 1998-07-16  
18 <150> PRIOR APPLICATION NUMBER: FR 97/09016  
19 <151> PRIOR FILING DATE: 1997-07-16  
21 <160> NUMBER OF SEQ ID NOS: 24  
23 <170> SOFTWARE: PatentIn Ver. 2.1  
25 <210> SEQ ID NO: 1  
26 <211> LENGTH: 16  
27 <212> TYPE: PRT  
28 <213> ORGANISM: Artificial Sequence  
30 <220> FEATURE:  
31 <221> NAME/KEY: MOD\_RES  
32 <222> LOCATION: (3)..(7)  
33 <223> OTHER INFORMATION: Any amino acid; this range may encompass 1-5 amino  
34 acids  
36 <220> FEATURE:  
37 <221> NAME/KEY: MOD\_RES  
38 <222> LOCATION: (10)..(14)  
39 <223> OTHER INFORMATION: Any amino acid; this range may encompass 1-5 amino  
40 acids  
42 <220> FEATURE:  
43 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
44 peptide  
46 <400> SEQUENCE: 1  
W--> 47 Trp Ser Xaa Xaa Xaa Xaa Cys Ser Xaa Xaa Xaa Xaa Xaa Cys Gly  
48 1 5 10 15  
51 <210> SEQ ID NO: 2  
52 <211> LENGTH: 9  
53 <212> TYPE: PRT  
54 <213> ORGANISM: Artificial Sequence  
56 <220> FEATURE:  
57 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
58 peptide  
60 <400> SEQUENCE: 2  
61 Trp Ser Pro Cys Ser Val Thr Cys Gly

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62      1          5
65 <210> SEQ ID NO: 3
66 <211> LENGTH: 9
67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
72      peptide
74 <400> SEQUENCE: 3
75 Trp Ser Ser Cys Ser Val Thr Cys Gly
76      1          5
79 <210> SEQ ID NO: 4
80 <211> LENGTH: 9
81 <212> TYPE: PRT
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
86      peptide
88 <400> SEQUENCE: 4
89 Trp Ser Gln Cys Ser Val Thr Cys Gly
90      1          5
93 <210> SEQ ID NO: 5
94 <211> LENGTH: 4
95 <212> TYPE: PRT
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <221> NAME/KEY: MOD_RES
100 <222> LOCATION: (1)
101 <223> OTHER INFORMATION: Gly, Ser or Cys
103 <220> FEATURE:
104 <221> NAME/KEY: MOD_RES
105 <222> LOCATION: (3)..(4)
106 <223> OTHER INFORMATION: Gly, Ser or Cys
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
110      peptide
112 <400> SEQUENCE: 5
W--> 113 Xaa Trp Xaa Xaa
114      1
117 <210> SEQ ID NO: 6
118 <211> LENGTH: 4
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <221> NAME/KEY: MOD_RES
124 <222> LOCATION: (1)
125 <223> OTHER INFORMATION: Gly, Ser or Cys
127 <220> FEATURE:
128 <221> NAME/KEY: MOD_RES

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129 <222> LOCATION: (4)
130 <223> OTHER INFORMATION: Gly, Ser or Cys
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
134     peptide
136 <400> SEQUENCE: 6
W--> 137 Xaa Trp Ser Xaa
138     1
141 <210> SEQ ID NO: 7
142 <211> LENGTH: 12
143 <212> TYPE: PRT
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <221> NAME/KEY: MOD_RES
148 <222> LOCATION: (3)
149 <223> OTHER INFORMATION: Gly, Ser or Cys
151 <220> FEATURE:
152 <221> NAME/KEY: MOD_RES
153 <222> LOCATION: (6)
154 <223> OTHER INFORMATION: Gly, Ser or Cys
156 <220> FEATURE:
157 <221> NAME/KEY: MOD_RES
158 <222> LOCATION: (9)..(10)
159 <223> OTHER INFORMATION: Arg Ser, Val Ser or Val Thr
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Formula
163     peptide
165 <400> SEQUENCE: 7
W--> 166 Trp Ser Xaa Trp Ser Xaa Cys Ser Xaa Xaa Cys Gly
167     1             5             10
170 <210> SEQ ID NO: 8
171 <211> LENGTH: 12
172 <212> TYPE: PRT
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
177     peptide
179 <400> SEQUENCE: 8
180 Trp Ser Gly Trp Ser Ser Cys Ser Arg Ser Cys Gly
181     1             5             10
184 <210> SEQ ID NO: 9
185 <211> LENGTH: 22
186 <212> TYPE: PRT
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <221> NAME/KEY: MOD_RES
191 <222> LOCATION: (1)..(5)
192 <223> OTHER INFORMATION: Any amino acid; this range may encompass 0-5 amino
193     acids

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195 <220> FEATURE:
196 <221> NAME/KEY: MOD_RES
197 <222> LOCATION: (8)
198 <223> OTHER INFORMATION: Pro, Gly, Ser or Cys
200 <220> FEATURE:
201 <221> NAME/KEY: MOD_RES
202 <222> LOCATION: (9)
203 <223> OTHER INFORMATION: Not present if residue 8 is Pro; this residue is
204     Trp if residue 8 is Gly, Ser or Cys
206 <220> FEATURE:
207 <221> NAME/KEY: MOD_RES
208 <222> LOCATION: (10)..(11)
209 <223> OTHER INFORMATION: Not present if residue 8 is Pro; these residues
210     are selected from Gly, Ser or Cys if residue 8 is
211     Gly, Ser or Cys
213 <220> FEATURE:
214 <221> NAME/KEY: MOD_RES
215 <222> LOCATION: (14)..(15)
216 <223> OTHER INFORMATION: Arg Ser, Val Ser or Val Thr
218 <220> FEATURE:
219 <221> NAME/KEY: MOD_RES
220 <222> LOCATION: (18)..(22)
221 <223> OTHER INFORMATION: Any amino acid; this range may encompass 0-5 amino
222     acids
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial Sequence: Formula
226     peptide
228 <400> SEQUENCE: 9
W--> 229 Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Cys Ser Xaa Xaa Cys
      230   1               5               10               15
W--> 232 Gly Xaa Xaa Xaa Xaa Xaa
      233           20
236 <210> SEQ ID NO: 10
237 <211> LENGTH: 36
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <221> NAME/KEY: modified_base
243 <222> LOCATION: (6)
244 <223> OTHER INFORMATION: a, t, c or g
246 <220> FEATURE:
247 <221> NAME/KEY: modified_base
248 <222> LOCATION: (9)
249 <223> OTHER INFORMATION: a, t, c or g
251 <220> FEATURE:
252 <221> NAME/KEY: modified_base
253 <222> LOCATION: (15)
254 <223> OTHER INFORMATION: a, t, c or g
256 <220> FEATURE:

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257 <221> NAME/KEY: modified_base
258 <222> LOCATION: (18)
259 <223> OTHER INFORMATION: a, t, c or g
261 <220> FEATURE:
262 <221> NAME/KEY: modified_base
263 <222> LOCATION: (24)
264 <223> OTHER INFORMATION: a, t, c or g
266 <220> FEATURE:
267 <221> NAME/KEY: modified_base
268 <222> LOCATION: (27)
269 <223> OTHER INFORMATION: a, t, c or g
271 <220> FEATURE:
272 <221> NAME/KEY: modified_base
273 <222> LOCATION: (30)
274 <223> OTHER INFORMATION: a, t, c or g
276 <220> FEATURE:
277 <221> NAME/KEY: modified_base
278 <222> LOCATION: (36)
279 <223> OTHER INFORMATION: a, t, c or g
281 <220> FEATURE:
282 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
283     oligonucleotide
285 <400> SEQUENCE: 10
W--> 286 tggwsnggnt ggwsnwsntg ywsnmgnwsn tgyggg          36
289 <210> SEQ ID NO: 11
290 <211> LENGTH: 9
291 <212> TYPE: PRT
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
296     peptide
298 <400> SEQUENCE: 11
299 Trp Gly Pro Cys Ser Val Ser Cys Gly
300   1             5
303 <210> SEQ ID NO: 12
304 <211> LENGTH: 8
305 <212> TYPE: PRT
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
310     peptide
312 <400> SEQUENCE: 12
313 Asp Cys Lys Asp Gly Ser Asp Glu
314   1             5
317 <210> SEQ ID NO: 13
318 <211> LENGTH: 4
319 <212> TYPE: PRT
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:

```

→ Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

## VERIFICATION SUMMARY

DATE: 03/26/2002

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Input Set : A:\65691179.app

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L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:502 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23  
L:521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24